

Date: Sat, 9 Jul 94 23:06:38 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #768
To: Info-Hams

Info-Hams Digest Sat, 9 Jul 94 Volume 94 : Issue 768

Today's Topics:

Amateur calls on auto license plates?
Anyone experienced with Cushcraft R7?
Contest Question
Denver area Ham radio stores
Does CW as a pre-req REALLY work? (2 msgs)
IPS Daily Report - 09 July 94
Kenwood TH-79A info wanted
License Renewal
Micor cabinet keys
Microphone cnversion help
Passed the test, time to wait...
Pittsburgh Mentor Wanted
QSL cards to YU
SAREX Status 7/10 at 1:00 UTC
subscribe
T-Hunting Article
weather freq

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 9 Jul 1994 21:37:40 -0400
From: ihnp4.ucsd.edu!swrinde!emory!europa.eng.gtefsd.com!sundog.tiac.net!
usenet.elf.com!rpi!psinnntp!JH.Org!JH.Org!not-for-mail@network.ucsd.edu
Subject: Amateur calls on auto license plates?
To: info-hams@ucsd.edu

In <2vk24c\$rs0@newsgw.mentorg.com> jbate@rtp-nc.mentorg.com (John Bate) writes:

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>You are absolutely right. Also, thieves can look up your address in
>the callbook and have a field day while you are in your car.
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In New York anyone can go to the DMV office where you pay parking tickets and stand on line to get the name and address for any plate, for a small fee (?). Last month I saw a piece on the local news saying that there will be a way to get the same info over the phone for about \$15! This is supposed to be protection for people buying used cars only to find out that their buying a stolen car.

So a thief with a stolen cell phone can use a stolen credit card to get info on any plate! Comforting, no?

```
>73's
>john, ki7hs/4
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Steve (who used to be WA2WSQ and is gonna go for the no-code!)

--

Steve Steinberg ss@jh.org (ss@panix.com)

The Space Below Intentionally Blank

Date: Sat, 9 Jul 1994 14:52:03 GMT
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!csulb.edu!csus.edu!
netcom.com!rogjd@network.ucsd.edu
Subject: Anyone experienced with Cushcraft R7?
To: info-hams@ucsd.edu

Herb Rosenberg (herbr@netcom.com) wrote:
: Subject: Anyone experienced with Cushcraft R7?
: Newsgroups: rec.radio.amateur.antenna
: Organization: NETCOM On-line Communication Services (408 261-4700 guest)
: Summary:
: Keywords:

The Cushcraft antennas are wonderful with one caveat: the R-7 has a propensity to blow traps if you use any power level over perhaps 100 watts. This is a very well-known problem with the R-7, and is apparently inherent in the design.

The R-5, which is identical except that it does not cover 40 meters and

has better 20 meter bandwidth, does not have this problem.

Both antennas perform very very well.

In my opinion the best system is to go with an R-5, and string a dipole, shortened if necessary, for 40 meters. Except for dxing, often a dipole does better on 40 due to polarization and angle of radiation (higher).

The R-5 is a truly wonderful antenna. I've worked the world with mine, using only 100 watts.

The R-7 is probably OK if you won't be running over 100 watts. I still would go with the r-5 due to the foregoing.

73.

--

rogjd@netcom.com
Glendale, CA
AB6WR

Date: Sat, 09 Jul 1994 01:19:29 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!usenet.ins.cwru.edu!
lerc.nasa.gov!kira.cc.uakron.edu!malgudi.oar.net!witch!doghouse!
jsalemi@network.ucsd.edu
Subject: Contest Question
To: info-hams@ucsd.edu

In article <rohvm1.mah48d-290694121130@136.141.220.39>, John E. Taylor III
(rohvm1.mah48d@rohmmaas.com) writes:

>By strict legality, the _station_ is licensed, as well as the operator.
>You're operating his station, therefore you sign with the station's
>callsign.
>
>There's a justification I've heard for using your own callsign: the owner
>of the station temporarily transfers ownership of the station to you for
>the duration of the contest, which makes it _your_ station, and you're
>entitled to use your own callsign. If anybody were to question that sort
>of thing carefully, I doubt it would hold up, but I suspect the FCC has
>better things to do (like reducing the backlog on new licenses!).
>

It'll hold up; Part 97.103(b) covers this situation exactly. All the
station owner has to do is note in the station log (not required, but

a good thing to have) the date and time the owner made someone else the control operator, and the time the owner resumed control.

73...joe

Joe Salemi, KR4CZ Internet: jsalemi@doghouse.win.net
Compuserve: 72631,23 FidoNet: 1:109/136 MCI Mail: 433-3961

Date: Sat, 9 Jul 1994 18:20:12 GMT
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!magnus.acs.ohio-state.edu!csn!
jstuart@network.ucsd.edu
Subject: Denver area Ham radio stores
To: info-hams@ucsd.edu

Wwhitby (wwhitby@aol.com) wrote:

: Does anyone know of any good ham radio stores in Denver, Colorado. I will
: be there next week and might need to get something that I am bound to
: leave at home.

: Thanks in advance,

: Warren Whitby
: wwhitby@aol.com
: 73s de KE4ITL

: P.S. Thanks to everyone who e-mailed me the Denver area 2m repeater freqs.

Denver has a Ham Radio Outlet where you can Rx and turn dials.

Jon <KB0MOI>

Date: 9 Jul 1994 10:44:02 -0400
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!news.ans.net!newstf01.cr1.aol.com!
search01.news.aol.com!not-for-mail@network.ucsd.edu
Subject: Does CW as a pre-req REALLY work?
To: info-hams@ucsd.edu

Remember, all of the lids that operate SSB had to pass a 5 or 13 or 20 words per minute test to be able to operate on those HF bands that they trash. CW didn't seem to work as a filter to keep those poor operators

out, did it?

I still think a person's desire to obey the rules and be professional determines what kind of operator he or she will be, not the fact that they have passed a CW test.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

Date: Sat, 09 Jul 1994 20:13:48 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!saimiri.primite.wisc.edu!caen!malgudi.oar.net!
witch!doghouse!jsalemi@network.ucsd.edu
Subject: Does CW as a pre-req REALLY Work?
To: info-hams@ucsd.edu

In article <2vldmh\$dgs@search01.news.aol.com>, Wwhitby (wwhitby@aol.com) writes:
>Now on to my plan. Why can't we designate a portion of the HF SSB
>frequencies for no-code people. The test for the no-code HF frequencies

Because the IRU treaty that governs ham radio operations worldwide forbids it for now. Until the treaty is changed, knowledge of morse code is required to access frequencies below 30MHz.

73...joe

Joe Salemi, KR4CZ Internet: jsalemi@doghouse.win.net
Compuserve: 72631,23 FidoNet: 1:109/136 MCI Mail: 433-3961

Date: Sat, 9 Jul 1994 23:12:50 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!math.ohio-state.edu!uwm.edu!
msuinfo!harbinger.cc.monash.edu.au!news.cs.su.oz.au!metro!ipso!
rwc@network.ucsd.edu
Subject: IPS Daily Report - 09 July 94
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 09/2330Z JULY 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 09 JULY AND FORECAST FOR 10 JULY - 12 JULY

No IPS Disturbance Warning is current

1A. SOLAR SUMMARY

Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 086/029

GOES satellite data for 08 Jul

Daily Proton Fluence >1 MeV: 5.6E+05

Daily Proton Fluence >10 MeV: 5.8E+04

Daily Electron Fluence >2 MeV: 1.8E+07

X-ray background: A6.2

Fluence (flux accumulation over 24hrs)/ cm²-ster-day.

1B. SOLAR FORECAST

	10 Jul	11 Jul	12 Jul
Activity	Low	Low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 10 Jul: 085/027

1C. SOLAR COMMENT

None.

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet

Estimated Indices : A	K	Observed A Index 08 Jul
Learmonth	04 2111 2211	
Fredericksburg	04	05
Planetary	05	05

Observed Kp for 08 Jul: 2211 3222

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
10 Jul	05	Quiet.
11 Jul	05	Quiet.
12 Jul	05	Quiet.

2C. MAGNETIC COMMENT

None.

3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH

09 Jul normal normal normal

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
10 Jul	normal	normal	normal
11 Jul	normal	normal	normal
12 Jul	normal	normal	normal

3C. GLOBAL HF PROPAGATION COMMENT

NONE.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were near predicted monthly values

Observed T-index for 09 Jul: 30

Predicted Monthly T-index for July is 30.

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
10 Jul	30	Near predicted monthly values.
11 Jul	30	Near predicted monthly values.
12 Jul	30	Near predicted monthly values.

4C. AUSTRALIAN REGION COMMENT

None.

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IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329	PO Box 5606
Recorded Message tel: +61 2 4148330	West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331	AUSTRALIA

Date: Sat, 9 Jul 94 13:44:51 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: Kenwood TH-79A info wanted
To: info-hams@ucsd.edu

Joseph Hong <jhong@fnma.com> writes:

>Does any one has production information (spec) for Kenwood TH-79A? It
>should replace TH-78A. Radio Center (Kansas City) gave me a \$469 quote.

Joseph:

I happen to be in a local amateur radio shop last week and actually saw the
th-79a. It is a solid little ht. They had just gotten them in. They didn't

have a spec sheet. They gave a quote of \$499, and this store...Gifler Electronics in Park Ridge NJ is very reasonable...so you got a good price. I would be interested in finding out what you learn about the TH-79a...I am looking for a ht myself.

[A

>Fannie Mae, 3900 Wisconsin Ave. NW, Washington, DC 20016

How are things in DC. I lived there from 73 to 87. Fannie Mae can't be that far north of Georgetown...spent many an afternoon and evening there.
73

-Joe Keenan

Date: Sat, 09 Jul 1994 15:45:56 -0500
From: ihnp4.ucsd.edu!sdd.hp.com!think.com!spdcc!merk!harvee.billerica.ma.us!
esj@network.ucsd.edu
Subject: License Renewal
To: info-hams@ucsd.edu

>In <9406057734.AA773454716@smtpgty.anatcp.rockwell.com>, William A. Kirsanoff writes:

>Jim, WK1V (sorry, I didn't capture his address) writes:

> My point, Eric, is what if the FCC came to your house and caught
> you operating? You present an expired license. What proof do you
> have that you submitted a renewal application?

>
>Hopefully, Eric kept a copy of his 610 on file, and will attest to the fact
>that he mailed it on or about the date the original was signed. Ideally, he
>has a postal receipt, or perhaps sent it registered, although I doubt it.

to answer your questions, no, i would, and I didn't (and I wish I had).
I just got my arrl 610, filled it in, attached one of my many photocopies
of my license and popped it in the mail the same day (well, maybe the
same week :-)

--- eric

--

HOME: esj@harvee.billerica.ma.us HAM ka1eec
WORK: esj@temerity.polaroid.com 617.386.4687
source of the public's fear of the unknown since 1956

Date: Sat, 9 Jul 1994 18:46:51 UNDEFINED

From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!
newsxfer.itd.umich.edu!zip.eecs.umich.edu!yeshua.marcam.com!insosf1.infonet.net!
s083.infonet.net!remhof@network.ucsd.edu
Subject: Micor cabinet keys
To: info-hams@ucsd.edu

In article <mbarts.12.001551E4@vt.edu> mbarts@vt.edu (Michael Barts) writes:

>Someone broke into our repeater building and stole the key to our repeater
>cabinet (of all things!). Of course we don't have a duplicate.

>The repeater is a Motorola Micor in its cabinet. Does anybody know if the
>locks on these things is uniquely keyed or is it a generic key? We have a
>key blank but no way of knowing how to cut it. Anyone have experience with
>these things?

Go to your local Motorola two-way shop and ask for a 2135 key. They probably
have several hundred collected from numerous installs over the years.

Jerry, W0CI

Date: 10 Jul 1994 03:02:18 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!nigel.msen.com!heifetz.msen.com!
koechig@network.ucsd.edu
Subject: Microphone cnversion help
To: info-hams@ucsd.edu

Howdy,

I have an old ElectroVoice microphone, type 630 hi Z, which I would like
to fit with an element for use with my TS-440. The only info that I could
find in the Kenwood owners manual about the microphone was that it was
dynamic. Duh??

I have the toll free number to EV but I would like to have all the info I
need before I speak with them. What frequency response and or
characteristics should I look for in an element??

Thanks in advance.

Bill Koechig, N8PKA
Pontiac,MI

e-mail preferred

Date: Sat, 9 Jul 94 13:38:34 -0500
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!noc.near.net!news.delphi.com!
usenet@network.ucsd.edu
Subject: Passed the test, time to wait...
To: info-hams@ucsd.edu

Scott Hopson <shopson@netcom.com> writes:

>Well I passed the No-Code Tech test, now I guess I'll have to wait,
>what is it 2-4 months before I can talk on the air. Well, I don't
>plan to sit idly by waiting for that ticket. I'm going to try to
>get the General done before my first license arrives, who knows,
>maybe I can get advanced before the FCC gets around to allowing
>me to talk on the air.

Hi Scott: Congratulations! I am basically in the same boat. I passed the
tech with code last month, I passed the general theory today (took the advanced
theory but failed it). I will take the advanced theory again next month. I
have a feeling we are looking at four months at least before our tickets
arrive.

good luck and 73

-Joe Keenan

Date: Sat, 9 Jul 94 09:01:59 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: Pittsburgh Mentor Wanted
To: info-hams@ucsd.edu

I would like to sit and observe a Pittsburgh, Pa. area ham in operation.
The reason is that I am going to sail to Bermuda next summer in a 35' boat
and feel that a ham and SSB license would be an active safety feature.
I need to get a feel for what is involved before deciding on just the
SSB or to get a ham license.

Stan Winikoff

412-261-6400 (office)

Date: 10 Jul 1994 03:06:00 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!spool.mu.edu!nigel.msen.com!
heifetz.msen.com!koechig@network.ucsd.edu
Subject: QSL cards to YU
To: info-hams@ucsd.edu

Since the disasterous events that have take place in former Yugoslavia,

what is the best way to get QSLs out to contacts over there?? Is the bureau address still good?

Just a thought.

Bill Koechig, N8PKA

Date: 10 Jul 94 01:08:54 GMT
From: news-mail-gateway@ucsd.edu
Subject: SAREX Status 7/10 at 1:00 UTC
To: info-hams@ucsd.edu

SB SAREX @ AMSAT \$STS-65.002
SAREX Status 7/10 at 1:00 UTC

Silver Spring, MD, July 10 1994 at 1:00 UTC

At approximately 22:30 into the flight of STS-65, the Shuttle Amateur Radio Experiment was set up and activated. One orbit later, as the Shuttle passed over the southern portion of the US, the Bair Middle School in Sunrise Florida had an opportunity to chat with Commander Bob Cabana, KC5HBV. During the conversation, he looked out the window and reported seeing partly cloudy weather as he passed over Florida. The Bair Middle school had an outstanding horizon-to-horizon contact. The team at the school reported that 22 students talked with Commander Cabana during their contact opportunity.

Gil Carman from the JSC ARC reports that element set JSC-004 varied from the orbit 16 state vector by 15 seconds. A new element set, JSC-005 has been generated and is provided below.

STS-65

1	23173U	94105A	94190.62548630	.00052344	00000-0	15762-3	0	52
2	23173	28.4641	0.7490	0002728	316.9968	43.0429	15.90169039	166

Satellite: STS-65

Catalog number: 23173

Epoch time: 94190.62548630 = (09 JUL 94 15:00:42.01 UTC)

Element set: 005

Inclination: 28.4641 deg

RA of node: 0.7490 deg

Eccentricity: .0002728

Arg of perigee: 316.9968 deg

Mean anomaly: 43.0429 deg

Mean motion: 15.90169039 rev/day

Space Shuttle Flight STS-65
Keplerian element set JSC-005
from NASA flight Day 2 vector

G. L. Carman

Decay rate: 5.2344e-04 rev/day^2 NASA Johnson Space Center
Epoch rev: 16
Checksum: 293

Submitted by Frank H. Bauer, KA3HDO, for the SAREX Working Group

/EX

Date: 9 Jul 94 12:00:31 GMT
From: news-mail-gateway@ucsd.edu
Subject: subscribe
To: info-hams@ucsd.edu

subscribe
hnelson@facstaff.wisc.edu

Date: Sat, 9 Jul 1994 17:09:15 GMT
From: ihnp4.ucsd.edu!agate!iat.holonet.net!svarbbs!brian.webb@network.ucsd.edu
Subject: T-Hunting Article
To: info-hams@ucsd.edu

I've been asked by a radio magazine to prepare an article about
T-hunting. What I'm looking for are answers to the following questions:

1. Do you have any funny/interesting T-hunt stories that you would like to share?
2. Do you know of any clever techniques/shortcuts that a T-hunter can use to find the hidden transmitter?
3. If you have ever operated the hidden transmitter, have you used any special techniques to throw the T-hunters off track? This would include changing the polarization, transmitter power, etc.
4. Where are some novel places that a transmitter has been hidden.

73s

Brian Webb, KD6NRP
P.O. Box 6484
Thousand Oaks, CA 91359-6484

Date: 9 Jul 1994 23:08:03 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!math.ohio-state.edu!uwm.edu!fnnews.fnal.gov!
FNAL0.FNAL.GOV!RMIKE@network.ucsd.edu
Subject: weather freq
To: info-hams@ucsd.edu

Don't forget 162.475 that seems to be a popular one around the midwest.
73's

Mike/N9SAV
NIARC SPLIT/146.58T/147.66R

Date: Sat, 09 Jul 1994 01:26:40 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!usenet.ins.cwru.edu!
lerc.nasa.gov!kira.cc.uakron.edu!malgudi.oar.net!witch!doghouse!
jsalemi@network.ucsd.edu
To: info-hams@ucsd.edu

References <ZcP6kiubGcgV066yn@access.digex.net>,
<2vejqq\$kkv@search01.news.aol.com>,
<Ey\$6kiubGQb9066yn@access.digex.net><CsL6nI.8qr@news.Hawaii.Edu>h
Reply-To : jsalemi@doghouse.win.net (Joe Salemi)
Subject : Re: Does CW as a pre-req REALLY Work?

In article <CsL6nI.8qr@news.Hawaii.Edu>, Jeffrey Herman (jeffrey@kahuna.tmc.edu) writes:

>That's why the entire VE system should be thrown out. Witness the
>current scam in L.A. We need an authoritative body to administer
>the exams. After all, do we as drivers administer driving exams?
>Do those who are aircraft pilots administer pilot license exams?
>

Oh, come on -- you really want to smear the 30,000+ VEs who volunteer their time and efforts to run the tests honestly and fairly because of a few bad apples in one location, who were in fact caught at it? Don't you think that folks have gotten drivers or pilots licenses by bribery? There's always going to be someone who tries to take advantage of the system for personal gain -- that's no reason to throw out the whole system.

Joe Salemi, KR4CZ Internet: jsalemi@doghouse.win.net
Compuserve: 72631,23 FidoNet: 1:109/136 MCI Mail: 433-3961

End of Info-Hams Digest V94 #768
